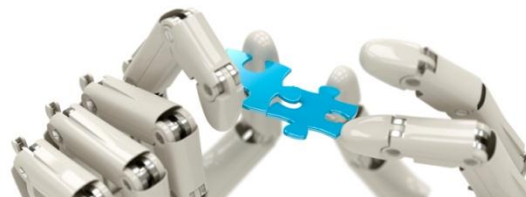


# Defence Human Capability S&T Centre

## Informal Suppliers' Networking Day

Dr Karen Lane

17 April 2013



# Housekeeping

- Safety
- On Site Facilities
- Info Packs
  - Project Summary Data
  - Project List with Supplier Details
  - Agenda for Symposium
  - Index of all previous Human Factors Integration Defence Technology Centre and Haldane-Spearman products



# Overview

- Purpose of today
- How DHCSTC Operates
  - Aim of the programme and anticipated benefits
  - Requirements Process
  - Competition Process
  - Delivery Process
  - Who's who
- Current status overview
- Schedule of upcoming requirements
- Addressing your feedback



## Purpose of Today

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- New Suppliers
  - Overview of the programme and how it operates
- All Suppliers
  - Briefing from Dstl Senior Military Advisor on ‘Working with the Military’
  - Network with each other and exchange capability info
  - Overview of upcoming requirements, where known
- All
  - Your feedback
  - Questions & Answers

## DHCSTC Aims & Scope

- Provide “*scientific and technologically based solutions to training, coaching, ethos, leadership, health of our Armed Forces and security personnel, as well as understanding influence, human sciences, and psychological approaches in military and security operations.*”
- Five Broad Themes
  - Tri-Service Training and Education
  - Personnel
  - Humans in Systems
  - Influence and Stabilisation
  - Health & Well-Being
- Diversity of Requirements dictates diversity of skills required in supplier base



## Examples of the “Big Challenges”

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- Supporting Future Force 2020 from the people perspective
- Ensuring Commercial Off The Shelf equipment is usable within the military context
- Building a coherent training research programme
- Working with wider stakeholders, including OGDs, research councils and charitable foundations
- Move from casualty care to rehabilitation
- Enabling the UK to achieve Defence and Security aims through influence



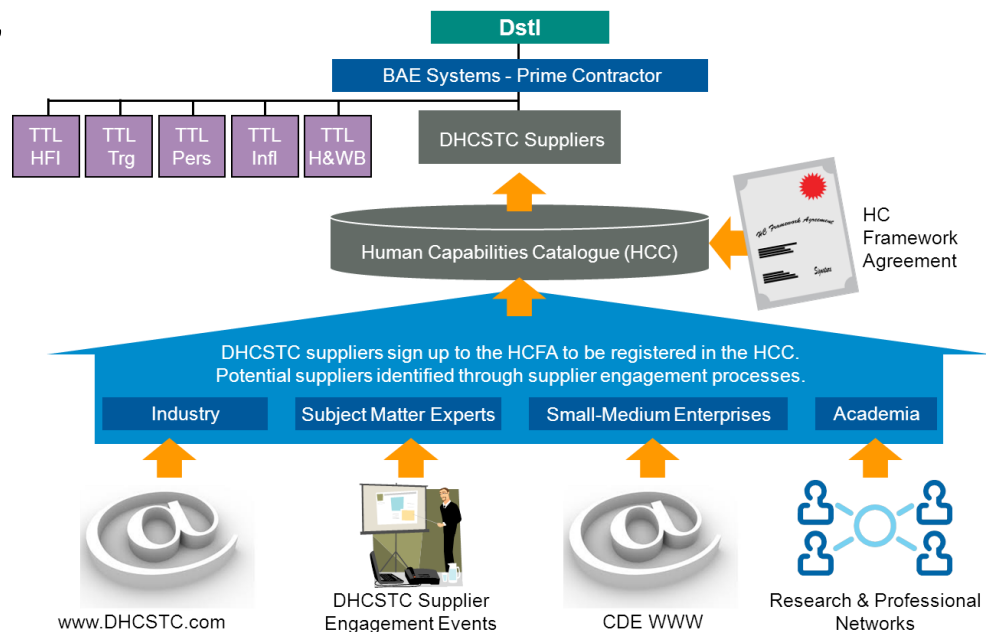
## Benefits - Human Dimension & Medical Sciences Research

- Clear evidence to inform personnel policy on selection, recruitment, retention and reward
- Analysis, design and assessment of training and education systems
- Exploitation of human sciences techniques and approaches on Operations
- Cutting edge health and medical treatments & strategies
- Human components incorporated into procurement processes early



# DHCSTC Operating Model

- Contracting Agency: Dstl
- Stakeholders: Pan MOD, OGD, Industry Suppliers
- Supply Chain: Open Model
- Three Contract Elements:
  - Thin Prime
  - HD&MS Core Human Capability Research Programme (Task Identification Number (TIN) 2)
  - All other Dstl tasks /customers (TIN 3)



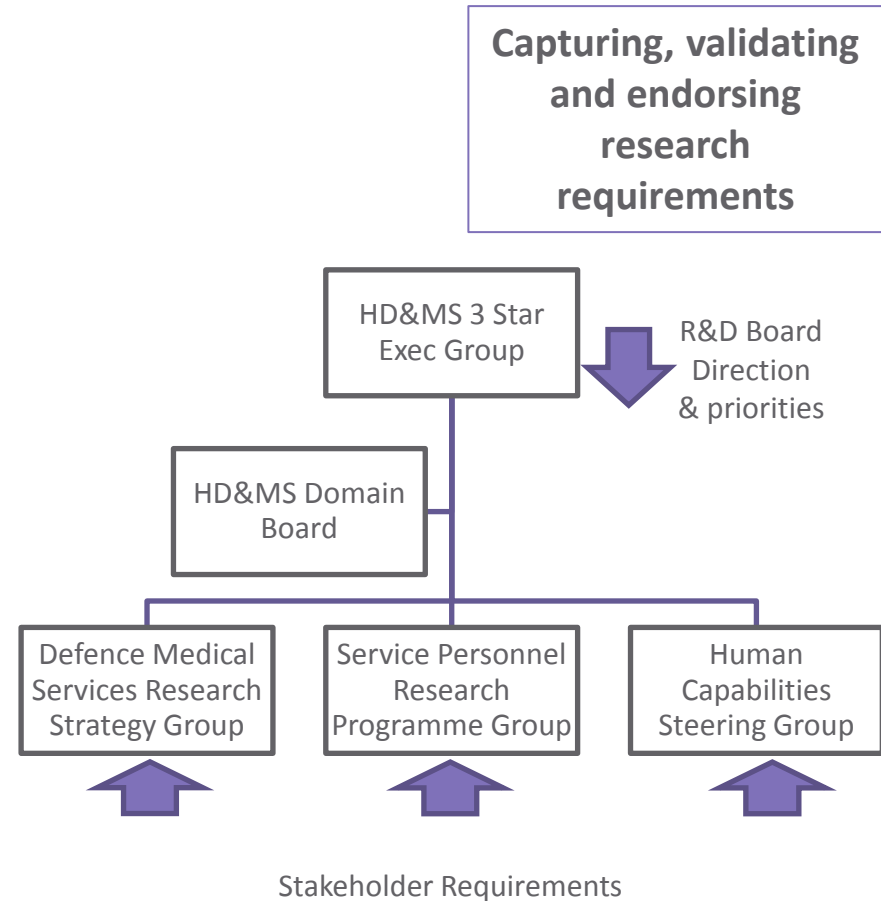


## Programme Roles

- **Dstl Programme Office**
  - Overall programme governance
  - Deriving requirements for Chief Scientific Adviser's programme and facilitating throughput of requirements from other domains
  - Supporting provision of GfX
- **BAE Systems Prime Contract Office (PCO)**
  - Delivery of programme - competing requirements through to delivery and supporting exploitation
- **Technical Theme Leads - working on behalf of PCO to ensure:**
  - Stable, effective relationships with suppliers and stakeholders
  - Previous research is exploited
  - Internal and external coherence is maximised
  - Highest technical and ethical standards are maintained
- **Suppliers**
  - Delivery of high quality, scientifically rigorous research

## Where do the requirements come from?

- Candidate requirements collated from key Stakeholder organisations
- Prioritised and endorsed via Human Capability Steering Group and Service Personnel Research Programme Group chaired by Dstl
- ‘Owner Stakeholder’ identified for each requirement
  - Support the conduct of the research e.g. identifying additional stakeholder organisations
  - Exploit the research outputs
  - Facilitate the exploitation of the research by other stakeholders



# DHCSTC Mobilisation Service

1<sup>st</sup> Statement of Requirement  
Issued 06 July 2012

Flexibility to extend supplier response time  
where owner stakeholder's need allows

Typically 8 x Week Cycle per Requirement



MoD
BAE SYSTEMS
Supplier Network

£11.6m Requirements Received  
 £10.2m Contracts Awarded  
 £1.1m at Competition  
 £0.0m Down-select complete  
 – clarifications in progress with suppliers etc  
 £0.3m proposals submitted to Dstl  
 £0.0m under Analysis

Requirement to be Agile....

## The Stats Status @ T0 + 10 Months

- **72** Statements of Requirements
  - Incorporating **106** Tasks
- **380** Proposals Received
  - from **109** Organisations
- **194** Contracts Awarded
- **55** Organisations
  - **32** SMEs/Micro SMEs
  - **14** Universities
  - **9** Medium/Large Enterprises
- **c5** high quality proposals received per SoR
- Vast majority are from teams of organisations



## Your 5 Page Proposals

- Assessment Criteria
  - MoD Performance Assessment Framework
- Provide detail on ‘how’ you will deliver your research programme not just ‘what’
- Use the five pages wisely – minimise repetition of the Statement of Requirement
- Demonstrate the capability your team brings to the challenge
- Exploit previous where possible – does not always have to start with a ‘lit review’
- Be realistic in your GfX requests
- Demonstrate that you have considered the ethical issues – or why you believe there are none
- Provide bios of your key researchers
- Make it easy for the assessors – identify who you are and include page numbers!



## Delivery Process - Addressing your feedback

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- Delivery
  - Briefing pack detailing an overview of DHCSTC processes
- Addressing your feedback
  - Heads up on emerging Statements of Requirements
  - Guidance on “Working with the Military”
  - Website – sharing capability information and collaborative working
  - Updated templates
  - Style Guide

## Candidate Requirements – WITHOUT PREJUDICE OR COMMITMENT

- **Personnel Tranche 1 – April/May 2013**

TIN 2.025(B) - Support to families of the Injured

TIN 2.025(C) - Experiences of geographically dispersed families

TIN 2.025(D) - Help seeking behaviours and stigma reduction

TIN 2.0XX - Benefits realisation: Understanding the impact of FR20

TIN 2.0XX - FR20 Employer support (Organisational benefits/disadvantages of employing reserves)

TIN 2.0XX - Enhancing MoD/NHS collaboration to deliver FR20



## Candidate Requirements – WITHOUT PREJUDICE OR COMMITMENT

- Personnel Tranche 2 – April/May 2013

TIN 2.0XX - New Employment Model: The Personal Development Pathway

TIN 2.0XX - New Employment Model: Domestic Mobility Costs

## Candidate Requirements – WITHOUT PREJUDICE OR COMMITMENT

- Personnel Tranche 3 – May/June 2013

TIN 2.0XX - Whole Force Concept Roadmap

TIN 2.0XX - Incentivisation (including impact of financial retention incentives)

TIN 2.0XX - New Employment Model: Benefits Realisation

TIN 2.0XX - New Employment Model: Decision Support

TIN 2.0XX - Motivation in leaner organisations

## Candidate Requirements – WITHOUT PREJUDICE OR COMMITMENT

- **Health & Well-Being Tranche 1 – March/April 2013**

TIN 2.025(D) - Alcohol Misuse Roadmap

TIN 2.024 - Noise Induced Hearing Loss & Vibration Analysis and Review

- **Health & Well-Being Tranche 2 – April/May 2013**

TIN 2.0XX - Understanding the health landscape

## Candidate Requirements – WITHOUT PREJUDICE OR COMMITMENT

- **Humans in Systems Tranche 1 – May 2013**

TIN 2.0XX – Hand-held devices and Apps

TIN 2.0XX – Making doctrine more relevant / accessible

- **Humans in Systems Tranche 2 – May/June 2013**

TIN 2.0XX – Integration of Personnel into vehicles

TIN 2.0XX – Mitigating the effects of vibration on human performance

TIN 2.0XX – Vehicle driving using cameras and other aids

## Candidate Requirements – WITHOUT PREJUDICE OR COMMITMENT

- **Humans in Systems Tranche 3 – May/June 2013**

TIN 2.0XX – Overcoming the language barrier

- **Humans in Systems Tranche 4 – June/July 2013**

TIN 2.0XX – Specifying the Cognitive Requirements for people in systems

TIN 2.0XX – Measuring the maturity of Human Factors Integration projects

## Candidate Requirements – WITHOUT PREJUDICE OR COMMITMENT

- Humans in Systems Tranche 5 – June/July 2013

TIN 2.0XX – Multiple source information to support situational awareness

## Candidate Requirements – WITHOUT PREJUDICE OR COMMITMENT

- **Training Tranche 1 – April/May 2013**

TIN 2.022 – Distributed Training – Increased stability on the training system

TIN 2.023 – Evaluation of the effectiveness of Phase 0 Training

TIN 2.0XX – Training considerations within the TLCM construct



## Candidate Requirements – WITHOUT PREJUDICE OR COMMITMENT

- **Training Tranche 2 – June/July 2013**

TIN 2.0XX – Human component of Test and Evaluation

TIN 2.0XX – Identifying and mitigating training capability gaps in Whole Force Concept

TIN 2.0XX - Acquisition and delivery of Training and Education:  
Implementation of Lessons

TIN 2.0XX – Impact of flexible career structure on training and education

## Candidate Requirements – WITHOUT PREJUDICE OR COMMITMENT

- Training Tranche 3 – July/August 2013

TIN 2.0XX – Intelligent Aiding Systems

TIN 2.0XX – Competence retention at the team/collective level

## Candidate Requirements – WITHOUT PREJUDICE OR COMMITMENT

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- **Influence & Stabilisation**
  - A list of potential topics that are of interest to Dstl
  - This list should not be seen as exhaustive, or imply any commitment that Dstl will seek research within these topics
  - It should also be noted that Dstl strongly welcome multi-disciplinary responses to any research problems

## TIN 3 Influence & Stabilisation – Potential Topics of Interest

1. Sentiment Analysis / Social Media Analysis
2. Online Influence
3. Indicators and Warnings of Instability
4. Gathering, analysing and exploiting social, economic & political data
5. Measures of Effectiveness for Influence & Stabilisation
6. Military Support to Stabilisation
7. Target Audience Analysis/Remote Assessment
8. Support to selection, training & development of Influence and Stabilisation practitioners
9. Consequence Analysis

# Thank you

